9206 -------- 9303

Red Quille

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NOTES

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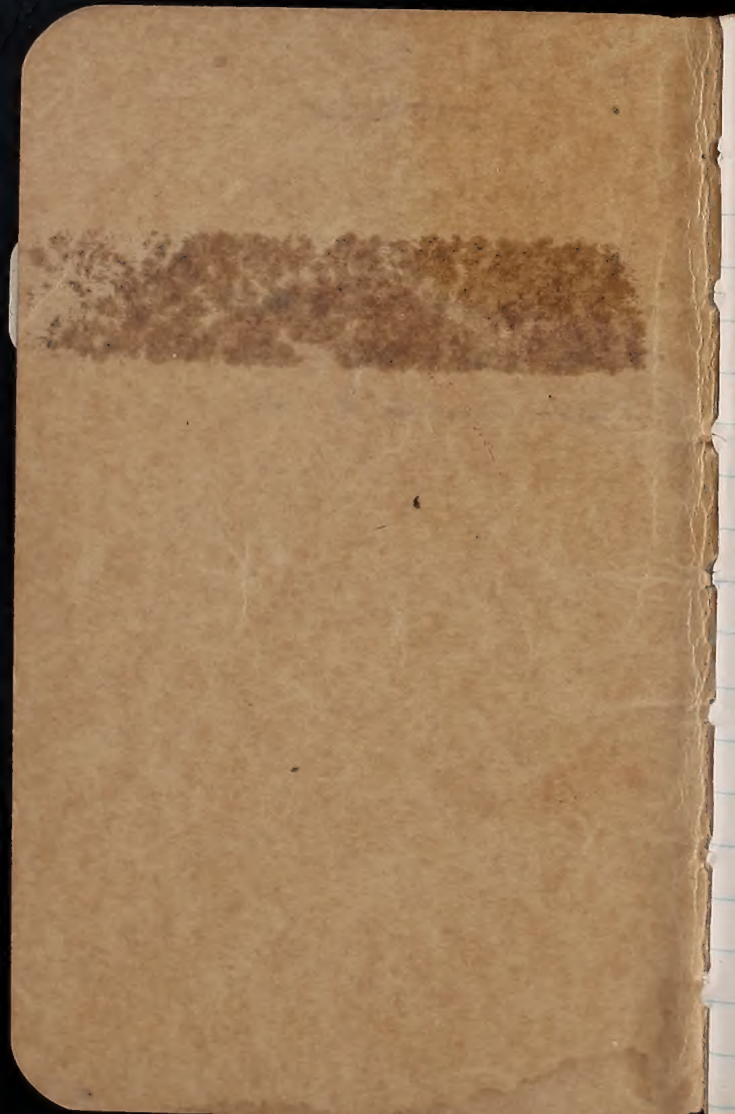

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789
v. 574

9206 - June 5, 1961 - Open, grassy places along La Sal Creek, on the lower slopes of the La Sal Mts., east side, near the south end. San Juan Co., Utah. Twp. 28S., R. 25E., S. 7. Elevation 8300 feet. Sepals and lower petals blue-violet; upper petals blue-veined on a white background.

Delphinium nuttallianum Pritz., sens. lat.
(D. dumetorum Greene)

Lathrop (10)

9207 - June 6, 1961
In shady places along La Sal Creek, on the lower slopes of the La Sal Mts., east side, near the south end.
San Juan Co., Utah.
T. 29 S., R. 25 E., S. 7.
Elevation 8300 feet.
Sprangling shrub up to about 1 m. tall. F. lowers dull yellowish-purple.

Ribes montigenum McClatchie

Ribes (6) ✓

9208 - June 5, 1961.
Same place as 9206.
Flowers very faintly
pink-lavender, almost
white. Growing with
L. bulbifera, but remaining
distinct, flowering a little
later, with paler, less
dissected petals, and
without axillary bulblets.

Lithophragma australis Rydb.

Lithophragma

9209 - June 5, 1961. Shady places along La Sal Creek, on the lower slopes of the La Sal Mts., east side, near the south end. San Juan Co., Utah. Twp. 28 S., R. 25 E., S. 7. Elevation 8300 feet. Herbage glaucous. Flowers white.

Thlaspi fendleri Gray

✓

Thlaspi (5) ✓

9210 - June 5, 1961.
Moist, grassy places along La Sal Creek, on the lower slopes of the La Sal Mts., east side, near the south end. San Juan Co., Utah.
Twp. 28S., R. 25E., S. 7.
Elevation 8300 feet. Petals small, yellow.

Ranunculus inamoenus Greene
var. inamoenus

small yet
Ranunculus. 5

9211 - June 5, 1961. Moist low places along La Sal Creek, on the lower slopes of the La Sal Mts., east side, near the south end. San Juan Co., Utah. Twp. 28S., R. 25E., S. 7. Elevation 8300 feet.
Petals 5-13, narrow, yellow.

Ranunculus alismaefolius var. montanus Wats.

5-13
Ranunculus (12)

9212 - June 5, 1961.
Same place as 9210.
Flowers light blue-violet.

Viola adunca J. E. Smith

Viola adunca (5)

9215 - June 5, 1961
Shady places along La [illegible]
Creek - [illegible] in 9210.
Flowers white.

Viola canadensis L.

Viola canadensis (7)

9214. June 5, 1961. Open places along Fa Lal Creek, on the lower slopes of the Fa Lal Mts., east side, near the southend Twp 28S., R. 25E, S. 7 Elevation 8300 feet. Flowers, blue. Plants erect or half climbing, the rachis of the leaflets tending to curl around anything available.

Fa Lal Mts.

Clematis hirsutissima Pursh
var. hirsutissima

Clematis (4) ✓

9215 - June 5. 1961.
Moist, partly shaded
slopes along La Sal Creek,
on the lower slopes of the
La Sal Mts., east side,
near the south end.
San Juan Co. Utah.
Twp. 28 S., R. 25 E., S. 7.
Elevation 8300 feet. Flowers
rather light blue.
Stems one or two (seldom
three) from a thickened,
fleshy root, without basal
leaves.

Mertensia fusiformis ~~Greene~~

Mertensia (8)

1216 - June 5, 1961.
Moist grassy places along
Fa Bal Creek, lower slopes
of the Fa Bal Hills, east
side, near the south
end. San Juan Co. Utah.
Twp. 28 S, R. 25 E, S. 7.
Elevation 8300 feet.
Flowers white.

Androsace septentrionalis
L.

Androsace (4) ✓

9217 - June 6, 1961.
Alluvial stone and gravel
bank along the Colorado
River, well above the
river bed. 15 miles
south of Cisco, Grand Co.,
Utah. Twp. [illegible], R. 24E.,
S. [illegible]. Elevation 4150 feet.
Pink dark red-brown.
Caps 5-13, yellow.

Gaillardia pinnatifida Torr.

221.4

5, 13

Gaillardia (5)

9218 June 6, 1961. Same
process as 9217. Stems widely
spreading, but not prostrate.

Euphorbia fendleri T. & G.
var. fendleri

Euphorbia (10) ✓

9214 - June 5, 1921. Same place as 9217. Selected small specimens. Larger plants are openly branched and up to 1.5 m. tall. Heads white or faintly lavender.

Cirsium utahense Petrak

thistle - 2 inches

220 June 6, 1901.
Found flowers 9217. Per Leach
with.

Allionia linearis Pursh

(3)

9221 June

Thin sandy soil of seepage area under overhanging sandstone cliff, along the Colorado River 13 miles south of Cisco, Grand Co., Utah. Twp. 23 S., R. 24 E., S. 8. Elevation 4150 feet. Stems erect, on a stout, fibrous rooted caudex. Flowers white or nearly so, the spurs sometimes very faintly tinged and the petal-blade fading to ochroleucous.

Aquilegia micrantha Eastw.

Aquilegia (6)

Sa 22 - June 6, 1961.
Laine [illegible]

Hedysarum boreale Nutt.
var. boreale

(4) ✓

9223 - Cronquist & Neel
Holmgren. June 9, 1961
With extensive cons in sloping
meadow along Daniels
Creek, in the mountains
16 miles southeast of Heber,
Wasatch Co., Utah. Twp.
1 or 2 S., R. 12W. Elevation
about 7500 feet. Leaves
flat, 2, seldom 3. Bulb
coat purplish. Perianth
white to deep lavender-pink.
Plants also irregularly scattered
in some abundance on the hill-
sides and in the open woods
along the stream.

Allium brandegei S. Wats.
Dupl det. Marion Ownbey

Allium (5)

Cronquist & Noel Hallgrimson
9224 - June 9, 1961 Along
small unp. stream tributary
to Daniels Creek, in the
mountains 16 miles southeast
of Heber, Wasatch Co. Utah.
Twp. 1 or 2 S., R. 1 W. Elevation
about 15[illegible] ft. Petals yellow,
commonly 5, sometimes 6 or 7.

Ranunculus orthorhynchus
var. platyphyllus Gray

Lang: Ranunculus (18)

Crosquist & Neil Holmgren
9225 - June 9, 1961 - Same
place as 9224. Petals yellow,
narrow, 5-13, most commonly
8.

Ranunculus alismaefolius
var. montanus Wats.

small butterflys

Conquist & Keck [illegible]
9226 - June 10, 1961 - With
Artemisia & sna in sloping.

Nedow ne. Daniels Creek, in
the mountains 16 miles southeast
of Malta, Wasatch Co. Utah.
Twp. 1 or 2 S., R. 1 W. Elevation
about 7500 feet. Petals
white or nearly so. Growing
with L. bulbifera but
sharply distinct, without
axillary bulblets, and blooming
later, with paler, less
dissected petals.

Lithophragma parviflora
(Hook.) Nutt.

Lithophragma parviflora (8)

9227. Cronquist and Noel Holmgren - June 10, 19[illegible].
In good soil in rather open
aspen grove for miles
along Daniels Creek in the
mountains 10 miles south
east of Heber, Wasatch Co.,
Utah. Twp. 1 or 2 S., R. 12 W.
Elevation about 7500 feet.
Stems solitary or occasionally
2-several, on a small but
fleshy-thickened taproot.
Flowers blue.

Mertensia brevistyla Wats.

Mertensia [illegible] (18)

9238 - Cronquist & Maas
Holmgren June 10, 1961
Same place as 9237. Stems
erected on a coarse but
soft taproot and branching
caudex. Leaves slightly
glaucous, especially beneath.

Mentzelia arizonica Gilm.
var. Bonardii (Rydb.) Johnst.

[illegible] 4

#239 - Cronquist & Noel
Holmgren - June 10, 1961
along Daniels Creek, in
the mountains 16 miles
southeast of Heber,
Wasatch Co., Utah - Twp.
1 or 2 S., R. 12 W. Elevation
about 7500 feet. Shrubs
about 1.5-2 m. tall - Twigs
mostly yellowish-olive,
varying to reddish-brown.

Salix rigida Muhl.
var. watsonii (Bebb) Cronq.
ined.

(= S. lutea Nutt.)

Young capsules on some
plants puberulent

Salix rigida (14)

G. E. Cronquist and Noel Holmgren. June 10, 1961

Moist places along Daniels Creek, in the mountains 16 miles southeast of Heber, Wasatch Co., Utah. Twp. 10 S. R. 12 W. Elevation about 7500 feet. Flowers white.

Androsace septentrionalis L.

9231 - Cronquist & Noel Holmgren

June 10, 1961 In open grove of aspen along Daniels Creek, in the mountains 16 miles southeast of Heber, Wasatch Co., Utah. T. 1 or 2 S., R. 12 W. Elevation about 7500 feet. Stem delicately attached to the cluster of tuberous-thickened roots. Upper petals whitish, with blue veins. Sepals and lower petals deep blue or blue violet, rarely pale like the upper petals.

Delphinium nuttallianum Pritz., sens. lat.
(D. dumetorum Greene)

Herbarium 10

9232 - June 10, 1911 [illegible]
[illegible] Alkaline
sandy bottomed Strawberry
River, 5 miles northwest of Duchesne,
Duchesne Co., Utah. Twp. 3S.,
R. 5W. Elevation, about 5600
feet. Flowers bright
blue-purple, the banner with
a central white spot.
Stems clustered on a
woody taproot and [illegible]
caudex, forming large, rounded,
shrub like clumps up to
about 1 m. tall.

Lupinus argenteus Pursh,
sens. lat.

(13)

9233 - Frenquist & Weetman
June 10, 1961 Growth of sod
in open piñon-juniper
woodland at low summit
27 miles south of Myton
on the road to Wellington,
Duchesne Co., Utah. T. up. 11 S.,
R. 15 E. Piñon-juniper zone.
Plants pulvinate - cespitose,
forming cushions - mats up to
2 ft. or even 3 ft. across.
Petals bright white
[illegible]

Arenaria hookeri Nutt.
var. desertorum Maguire
det. Bassett Maguire

Arenaria [illegible] (3)

925. June 10, 1961 Cronquist
& Holmgren [illegible]
109233. Petals white.
Stamens 10.

Arenaria eastwoodiae
R. Ryd.
var. eastwoodiae

Keller Arenaria (4)

P235 - June 10, 19[illegible] Crouquis
& Moel [illegible] Same place
no 9233. Flowers blue.

Penstemon thompsoniae
(Gray) Rydb.
var. thompsoniae

[illegible] (2) ✓

923 -- June 10, 1961. C.H.H. Lane
Placer 9233. Corners blue.

Penstemon fremontii T. & G.

✓

(2)

9237 – June 10, 1961. Crosquist
& Noll Helmquist. Same place as
9233. Heads yellow, with
8-13 rays.

Hy[illegible] ays acaulis (Pursh) Parker
var. caespitosa (A. Hels.) Parker

8 13 rays
Hymenoxys (6)

9238 - June 10, 1961
Cronquist & Neel Livingston
Same place as 9233

Cryptantha flavoculata
(A. Nels.) Payson

Cryptantha (4) /

9237 June 10, 1961.
Cronquist & Noel Holmgren
Same place as 9233
& Lamers yellow.

Lesquerella alpina (Nutt.) Wats.,
sens. lat.

Draba - yellow pet. (2)

9240 - June 10, 1961
Cronquist & Holmgren
same place as 9233.

Flowers white

Chamaechaenactis scaposa
(Eastw.) Rydb.
var. parva Price & Turner

Chamaechaenactis (2) ✓

9241 - June 10, 1961
Cranquist & Noel Holmgren,
same place as 9233.
Bracts bright red.

Castilleja scabrida Eastw.
Dupl. det. Marian Ownbey

Castilleja (3) ✓

9242 - June 10, 1961.
Cronquist & Neel Holmgren,
Same place as 9233. Flowers
white to cream.

Astragalus convallarius
Greene
det. R. C. Barneby

Astragalus [illegible] (1)

9243. June 10, 1961. Arnquist & Mays [illegible]. Barren gray clay soil along the roadside several miles southeast of Wellington, Carbon Co., Utah. Twp. 15 S., R. 11 E. Elevation about 5500 feet. Flowers white with an orchid [illegible]. Pods pendulous, slightly compressed at right angles to the plane of the sutures, the cross section broadly rounded-triquetrous to almost elliptic

Astragalus lonchocarpus Torr.

ident. R. C. Barneby

Astragalus (18)

1 - June 10, 1961.
Herbarium & Noel Holmgren.
Same plant as 9243. F. lanceo
bright purple, varying to
pale lavender

Hedysarum boreale Nutt.
var. boreale

3168
Hedysarum

(2)

9245 - June 11, 1961 - along the side of the road in the desert 22 miles east of Green River, Grand Co., Utah. Twp. 21S., R. 19E., S. 26. Elevation 4900 feet. Disk dark, not bearded in the center. Rays 12-22, yellow.

Helianthus annuus L., probably influenced by introgression from H. petiolaris ssp. fallax.

Helianthus 12-22 rays (8)

9246. June 11, 1961. Crongquist & McHenderson. Sandy soil in the desert at the edge of the Dickson-Strip, 16 miles southeast of Thompson, Grand Co. Utah Twp. 23 S., R. 22 E., S 6. Elevation 4700 feet. Stems clustered on a tapered taproot. Flowers white.

Petalostemon flavescens Wats.

Petalostemon

9247 – June 11, 1961. Cronquist & Noel Holmgren. Same place as 9246. Plants nearly prostrate; the branches upturned at the end. Rays pink-lavender beneath, nearly white above.

Townsendia incana Nutt.

Townsendia (?)

9248 - June 11, 1961 Bernard
L'Ball Hollinger Sandy soil
in most places clings-the
roadside 7 miles south of
Moab, Grand Co., Utah.
Twp. 26 S., R. 22 E., S. 27.
Elevation 4650 feet. Disk
flow. headed in the center,
Rays 8-21, most often 13.

Helianthus petiolaris Nutt.
ssp. fallax Heiser

H. petiolaris (10)

7249 - June 11 [illegible] Coville
& Nels Holmgren. R. [illegible] by.
sandstone [illegible]

Pinon-juniper zone,
overlooking Cottonwood
Creek, at the north edge of
the Abajo Mts., 70 miles
south of Moab, San Juan
Co., Utah. Twp 32 S., R.
21 E., S. 3 or 4. Elevation
about 6200 feet. Heads
yellow.

Hymenopappus filifolius Hook.
var. cinereus (Rydb.) Johnst.

Hymenopappus (4) ✓

9250 June 11, 1900. [illegible] point
[illegible] Wahlbergen - Same
[illegible] Flowers
pink purple.

Hedysarum.

Hedysarum (11)

9251. June 1961 Cronquist
& Holmgren. Sandy soil in
open pinon-juniper woodland
on Salt Creek Mesa, between
Boundary Butte and
Cathedral Butte, on
the northwest flank of
the Abajo Mts., about
80 miles south of Moab,
San Juan Co., Utah.
Twp. 33 S., R. 20 E., S. 3.
Elevation 6500 ft. E.
Flowers blue-lavender,
rather pale.

Penstemon strictus Benth.
var. strictiformis (Rydb.)

Penstemon (15)

#252 - June 11, 1961
Cronquist & Mac Holmgren
same place as 1951.
Flowers pale lavender.

Astragalus wingatanus Wats.

det. R. C. Barneby

Astragalus (2)

9253 - June 11, 1961.
Cronquist & Mall Holmgren
same place as 9251.
F lanceo yellow.

Lesquerella rectipes Woot.
& Standl.

Lesquerella (9)

9251. June 11, 1911. Crongquist & Holmgren. Rare; growing in brush toward the upper edge of the pinon juniper zone, on north slope along Salt Creek Mesa, just southwest of Boundary Butte; northwest flank of the Abajo Mts., about 80 miles south of Moab, San Juan Co., Utah. Twp. 33 S., R. 20 E., S. 18. Elevation 7600 feet. Leaves glaucous; flowers white.

Penstemon parryi var. hypophyllus Gray, sens. lat.

3[illegible]

1856.

[illegible] Herbarium (4) ✓

9255. June 12, 1961
Crawquist & Noell Holmgren
Open rocky (sandstone) slopes
in oak-piñon-juniper community

on the northwest side of
Horse Mountain, ~~about 30~~
~~miles south of Moab~~ at the
northwest flank of the Abajo
Mts., about 50 miles
south of Moab, San
Juan Co., Utah. Twp. 31 S
R. 19 E., about S. 1/2. Elevation
8500 feet. Petals minute,
white.

Heuchera parvifolia Nutt.
var. flavescens (Rydb.) R. B. L.

H. parvifolia (7)

9256 - June 12, 1961
Coquel & Hartwegen
Under mixed conifers along
ridge just under the north
side of Horse Mt., on the
northwest flank of the
Abajo Mts., about 60 miles
south of Moab, San Juan
Co. Utah. Twp. 33S. R. 19E.,
Sect. 13. Elevation 8800
feet. Frances Duff
Lone Lauender

Clematis pseudoalpina (Kuntze)
A. Nels.

(4) ✓

T. 57 - June 12, 1901.
Dry quest and field
Solingen, same places as
9256. Elevation 7 100 feet.
Petals white, notched at
the tip. Stamens 10. Plants
spreading by slender and
herbaceous creepers.

Stellaria jamesiana Torr.

✓

Stellaria (6)

9258 - June 12, 1961
Crevquist & Noel Holmgren
Open places among mixed
conifers along ridge just
under the north end of
Horse Mt., on the northwest
flank of the Abajo Mts., about
80 miles south of Moab,
San Juan Co., Utah. Twp.
33S, R.19E., about S.13.
Shrub up to about 1 m. tall.
F. lumens, reddish.

Arctostaphylos patula Greene

9

Arctostaphylos

9259 June 12, [illegible]
Tranquist & Neel [illegible]
Sandy soil among scattered
Ponderosa pine and Douglas
fir on the flat top of
Horse Mt. (north end), on
the northwest flank of the
Abajo Mts., about 60 miles
south of Moab, San Juan
Co., Utah. Twp. 33 S., R. 17 E.,
Sect. 13. Elevation
9000 feet. Plants freely
spreading by underground
creepers; leaves somewhat
glaucous beneath; flowers yellow

Thermopsis pinetorum Greene

Thermopsis (19) ✓

9260 – June 12, 1921.
Crevquist & Moel Helwig.
Same place as 9256. Elevation
37 to feet. Flowers scarlet,
declined, the limb not
spreading.

Pentstemon eatoni Gray
var eatoni

not Pentstemon (2) ✓

9261 - June 12, 1961 sandy soil in pinon-juniper woodland just north of Horse Mt., on the northwestern flank of the Abajo Mts., about 80 miles south of Moab San Juan Co. Utah. Twp. 33 S., R. 19 E., S.L.B.M. Elevation 8000 feet. Bulbs tending to be clustered. Leaves flat, usually 3, sometimes 2 or 4. Perianth white or more or less tinted with lavender-pink.

William Gayen S. Watts.
Det. Det. Marion Ownbey

Alium (35)

9263 June 12, 1961 - Cronquist & Noel Holmgren. Sandy soil in pinon-juniper woodland on flat ridge tops just north of Horse Mt., on the northwestern flank of the Abajo Mts., about 80 miles south of Moab, San Juan Co., Utah. Twp. 33 S., R. 19 E., S. 13. Elevation 8000 feet. Leaves blue-glaucous.

Lomatium parryi (Wats.) Macbr.

Lomatium (14)

9263 - June 12, 1961
Cronquist & Noel Holmgren
Same place as 9262.
Leaves green, not glaucous;
flowers yellow.

Cymopterus purpureus Wats. ~~Wats.~~

Cymopterus (10)

June 13, 1961. Marquis & Noel Wilson. Kusshey Oak. (Quercus acerifolia) north slopes overlooking Salt Creek, at the northwest end of Horse Mt., on the northwest bank of the Abajo Mts., ~~miles~~ south of Monticello, San Juan Co., Utah. Twp. 33 S., R. 19 E., about S. 13. Elevation 8000 feet. Flowers white, the banner with a central white spot.

Lupinus ammophilus Greene?

Lupine

9265 - June 13, 1961 - Crangquist
& Nair Hansgren - Lam Pine
as 9266 C. Shrub 0.5 m. tall
F. Lower. pink

Symphoricarpos oreophilus
Gray

V

Symphoricarpos

7266 June 13, 1941 - Ivesquist & Neil Lewis. Sagebrush along the road on the west side of Horse Mt., west flank of Abajo Mts., west of Monticello, San Juan Co., Utah. Twp. 31S., R. 19E., about S. 25. Elevation 8400 feet.
Plants somewhat glaucous; flowers yellow.

Agoseris glauca (Pursh) Raf.
var. laciniata (Eat.) Smiley

Agoseris glauca.

9267 June 12, 1931 Dunford
& Hall & Vasey - Aspen, rocky
(sandstone) flats with
scattered oak-brush and
pondersosa pine, south of
Horse Mtn., on the west flank
of the abajo Mts., west of
Monticello, San Juan Co. Utah.
Twp. 30 S., R. 19 E., S. 1. Elevation
8700 feet. Heads yellow.
Rays 5-12, most often 8.

Senecio neomexicanus Gray

Senecio fendleri

9268 - June 13, 1961 Crenquist
& Noel Holmgren. Same, place
as 9267. Rays 34-65, white

Erigeron flagellaris Gray
var. flagellaris

Erigeron flagellaris (7)

92 [illegible] June 13, 1961 - Cronquist & [illegible] Holmgren. open places among scattered aspen groves at Gooseberry Guard Station, south of Horse Mt., on the west flank of the Abajo Mts., west of Monticello, San Juan Co., Utah. Twp. 34S., R. 20E., about S. 18. Elevation 8500 ft. Petals white to pink, 7-9, most often 8.

Lewisia pygmaea (Gray) Rob.
passing to var. nevadensis (Gray)
Fosberg

Lewisia

9270 - June 13, 1961 - Grandpaint
↓ Noel Holmgren. Sandy knob
hillside, south exposure,
on the western flank of
the Abajo Mts., west of
Monticello, San Juan Co.,
Utah. Twp. 34 S., R. 20 E.,
S. 8 or 9. Elevation 7800 ft.

Plants creeping
on and beneath the surface
of the ground forming
loose mats. Corolla rather
light blue-lavender,
the lower lip with a
white spot at the base.

Penstemon crandallii A. Nels.
sens. lat.

2222

Penstemon. (17) ✓

9271 - June 13, 1902. [illegible] & [illegible]. Lampasas Co. & 70. Stems several,

solitary on a very stout taproot which may be surmounted by a branched caudex. Heads yellow. Rays 3 do. [illegible]

Wyethia arizonica Gray

Wyethia [illegible]

9272 - June 13, 1961. Same place as 9270. Plants forming mats. Phyllodia white-hairy.

Antennaria parvifolia Nutt.

3452

Antennaria parvifolia N

9273 - June 14 1961, Cronquist & Noel Holmgren. Moist places along Allen Creek, just under Mt. Linnaeus; Abajo Mts., west of Monticello, San Juan Co., Utah. Twp. 34 S., R. 2 E. Elevation 9300 feet. Leaves slightly glaucous; flowers blue

Mertensia franciscana
Heller

(9)

9[illegible] - June 14, 1961.
Crongquist & Noel Holmgren
Same place as 9273. Flowers
dull white. Plants just
beginning to bloom

Hydrophyllum fendleri
(Gray) Heller
var. fendleri

[illegible] (2)

9275 - June 14, 1921 Rusby,
granitic point just west of
the summit of Mt. Linnaeus;
Abajo Mts., west of
Monticello, San Juan Co., Utah.
Twp. 34S., R. 21 or 22E. Elevation
10,600 feet. Leaves glaucous.
Petal blades pure white.
Sepals and spurs blue-
-green under, sometimes very pale.

Aquilegia caerulea James
var. ~~caerulea~~ pinetorum Pays.

Aquilegia caerulea (10)

9215 - June 14, 1961. Crosquist & Noel Holmgren. Rocky granitic point just west of the summit of Mt. Linnaeus; Abajo Mts. west of Monticello, San Juan Co., Utah. T. 30 S., R. 21 or 22 E. Elevation 10,600 feet. Plants prostrate; flowers yellow.

Potentilla concinna Lehm.
var. concinna

Potentilla (3) ✓

T277 - June 14, 1961. Conquist & Noel Holmgren. Open, rocky (granitic) slope just west of the summit of Mt. Linnaeus, Abajo Mts., east of Monticello, San Juan Co., Utah. Twp 34 S., R. 21 or 22 E. Elevation 10,700 ft. Herbage somewhat glaucous; flowers white.

Thlaspi fendleri Gray

Thlaspi (2)

9215 - June 14, 1961 -
Frequent: Noel Holmgren,
Along the edges of spruce-fir
community on open, rocky,
granitic slope just west
of the summit of Mt. Linnaeus.
Abajo Mts., west of Monti-
cello, San Juan Co., Utah.
Twp 34S., R. 21 or 22E. Elevation 12,700 feet. Flowers
yellow.

Draba spectabilis Greene
var. spectabilis

Draba (12)

9279 – June 14, 1961.
Carquinez & Mt. Livermore,
Lampeanne 1975.

Carex geyeri Boott

Carex (5)

928) - June 14, 1961.
Cronquist & Noel Holmgren.
Open, rocky, granitic slope
just west of the summit of
Mt. Linnaeus; Abajo Mts.,
west of Monticello, San Juan
Co., Utah. Twps. 34 S., R. 21
& 22 E. Elevation 10,[illegible]00
feet. Plants loosely tufted,
producing a few short rhizomes.

Poa fendleriana (Steud.) Vasey

Poa (4) ✓

9281 — June 14, 1961
[illegible] Mt. [illegible]
Same place as 9280. Shrub
about 5 or 6 feet tall.
Flowers dull purplish-yellow,
more reddish toward the
center.

Ribes montigenum
McClatchie

Ribes (6) ✓

9282. June 15, 1961.
Cranquist & Neal Holmgren
In mud along small [illegible]
half a mile west of Hayes Pass;
[illegible] miles southwest of Moab,
San Juan Co., Utah. Twp. 27 S.,
R. 24 E., S. 2. Elevation 10,400
[illegible]. Sepals white, 6-12,
most commonly 8.

Caltha leptosepala DC.

Caltha (14) ✓

9283 - June 15 1951 With
scattered aspens on lower
slope of the Salt Lake,
between Spring Creek and
Brumley Creek, southeast
of Moab, San Juan Co., Utah
Twp. 27 S., R. 24 E., S 4 or 9.
Elevation 9 1/100 feet

Clematis hirsutissima Pursh
var. hirsutissima

Clematis (12) ✓

9284 - June 15, 1931
[illegible] & Noel Holmgren.
In open aspen grove on the
west slope of the Salt
[illegible], between Horse Creek
and Grassy Creek, southeast
of Moab, San Juan Co.,
Utah. Twp. 27S., R. 24E.,
S. 4 or 9. Elevation 9400 ft.
Flowers delicately attached to
a cluster of tuberous-
thickened roots. Sepals
and lower petals dark
blue-violet, the upper petals
nearly white, with blue
veins.

Delphinium nuttallianum Pritz.,
sens. lat.
(D. dumetorum Greene)

35

9285 - June 15, 1961.
Cronquist & Hall Holmgren
Around the edge of aspen
grove on the west slope
of the La Sal Mts., between
Horse Creek and Brumley
Creek, southwest of Moab,
San Juan Co., Utah, Twp. 27S,
R. 26E., S. 4 org. Elevation
7000 ft. Stems 1-3 on a
thickened taproot, mostly
without well developed
basal leaves. Flowers pink to
light blue.

Mertensia fusiformis Greene

3505

Iowa (10)

[illegible] - June 16, [illegible]
Cronquist & Holmgren
Very sandy soil in the [illegible]
between Green River and
Hankeville, 25 miles
southwest of Green River, Emery
Co., Utah. Twp. 23 S., R.
13 E., S. 36. Elevation 4400 feet.
Plants forming hummocks
eventually taproots.
Corolla pink

Coldenia hispidissima (Torr.)
Gray

Coldenia (5) ✓

9287 June 16, 1961
Cronquist & Hall Holmgren.
Lame Plateau 286.

Plants apparently monocarpic. Stem glaucous.
Petals yellowish-green, with purple flecks and a yellow patch of hair.

Frasera paniculata Torr.

Frasera (6)

9288 - June 16, 1901
Cronquist & Noel Holmgren
Same place as 9286.
Corolla papery-white.
Plant annual

Heliotropium convolvulaceum (Nutt.) Gray

white annual (2) ✓

9289 June 16, 1961. Same
(place as 9286. Annual.
Tranquist & Moal [illegible]

Euphorbia parryi Engelm.

Euphorbia. 17

9290 - June 16, 1961
[illegible] & Noel Holmgren.
Same place as 9286.

Heads yellow.

Haplopappus filifolius Hook
var. pauciflorus (Johnst.) Turner

Haplopappus (17)

9291 - June 16, 1961. - Conquest
same place as 1286. [illegible]
[illegible]

Plants very sparsely fruiting, the fruit becoming twisted and reddish as it nears maturity. Herbage glaucous. Leaves sensitive, but reacting slowly. Plants extensively spreading by creeping rhizomes.

Hoffmanseggia repens
(Eastw.) Cockerell

Hoffmanseggia. (8)

9292 - June 16, 1901.
Cronquist & Noel Holmgren
Open juniper woodland,
on granitic west slope of
Bluff Mt.; Henry Mts.,
18 miles south of Hanksville,
Garfield Co., Utah. T wps. 31S.,
R. 11 E., S.6. Elevation about
7200 feet

Arabis fendleri (Wats.) Greene

Scott

Arabis (7)

9293 - June 17, 1961
Evangelist & Neil Holmgren
Open or moderately shady
places in rocky, granitic
soil along Bull Creek, a little
southwest of Bull Mt.;
Henry Mts., 20 miles south
of Hanksville, Garfield Co.,
Utah. Twp. 31 S., R. 10 E., about
S. 12. Elevation about 7500 ft

Penstemon watsoni Gray

Penstemon (15) ✓

[illegible] 1, 1961
Cronquist & Noel Holmgren
Partly shaded, rocky,
granitic northwest
slopes along Bull
Creek, a little southwest
of Bull mt.; Henry mts.,
20 miles south of Hanksville, Garfield Co., Utah.
Twp. 31 S., R. 10 E., about S. 12.
Rays mostly 29-56,
blue lavender rarely white.
Elevation about 7500 ft.

Erigeron

Erigeron latoni Gray
var. latoni

Erigeron [illegible] latoni

9295 - June 17 192[illegible]
Cronquist & MacHathington
same place as 9294. Heads
yellow; rays 6-9. The
only Senecio seen in the
immediate vicinity.

Senecio neomexicanus Gray

(3)

1206 June 17, 1961.
Crosquiat & Noel Holmgren.

Open, rocky, granitic, northwest slopes, with piñon pine, overlooking Bull Creek, a little southwest of Bull Mt.; Henry Mts., 20 miles south of Hanksville, Garfield Co., Utah. T 29 S, R 10 E, about S. 12. Elevation about 6000 feet.

Astragalus argophyllus Nutt. var. panguicensis (Jones) Jones

Det. R.C. Barneby

Astragalus (2) ✓

9291 – June 17, 1961
Irene Quist & Paul Holmgren

Open, rocky, granitic ridge top near Bull Creek, a little southwest of Bullfrog; Henry Mts., 20 miles south of Hanksville, Garfield Co., Utah.
Twp. 31S., R. 10E., about S. 12
Elevation about 7000 feet
Flowers (now past making) apparently ochroleucous, with a purple spot on the keel.

Oxytropis sericea Nutt.

Oxytropis (11)

9298 - June 17, 1961 + Aug 11, Crangum
Open, rocky, granitic slopes and ridge-tops in Piñon Zone, along Bull Creek, a little southwest of Bull Mt.; Henry Mts., 20 miles south of Hanksville, Garfield Co., Utah.
Twp. 31 S., R. 10 E., about S. 12.
Elevation about 8000 feet.
Heads yellow, Rays 7-15, often 13.

Hymenoxys scaulis (Pursh) Parker var. arizonica (Greene) Parker

Helianthus (17)

1891 - June 17, 1961
Cronquist & Noel Holmgren
Same place as 9397.

Flowers (now past anthesis)
apparently white with
a yellow eye, the foliage
prominent.

Cryptantha capitata (Eastw.)
Johnst.
A wide-leaved, perhaps varietally
distinct phase.

Cryptantha 5.

9303 - June 17, 1961
Cronquist & Noel Holmgren
In open aspen [illegible] along
Bull Creek, a little south-
west of Bull Mt.; Henry
Mts., 20 miles south of
Hanksville, Garfield Co.,
Utah. Granitic soil.
T. up 31 S., R. 10 E., about
S. 12. Elevation about
7500 feet. Leaves green,
not glaucous.

Cymopterus purpureus
Wats.

Cymopterus (8)

9301 - June 17, 1961
Inquist & Noel Holmgren
Amongst scattered trees
and shrubs along Bull Creek
a little southwest of Bull
Mt., Henry Mts., 20 miles
south of Hanksville,
Garfield Co., Utah.
Twp. 31 S., R. 10 E., about S. 12
Elevation about 7500 feet.
Low shrub about 60 x 8 cm.
tall, Flowers pinkish

Symphoricarpos oreophilus Gray
passing from var. oreophilus
to var. utahensis (Rydb.) A. Nels.

Symphoricarpos (6)

9302 - June 17, 1961 Crosquist
& Noel Holmgren. With
oak brush and pinyon pine

on granitic slopes and
washes along Bull Creek,
a little southwest of Bull
Valley Mts., 20 miles
south of Hanksville,
Garfield Co., Utah. Twp.
31S., R. 10E., about S 12,
Elevation about 7500 ft.
Leaves crinkly-margined.
Flowers delicate, scarlet

Penstemon eatoni Gray
var. eatoni

Penstemon (3)

9303 - June 17, 1961
Cronquist & Noel Holmgren
With sagebrush on granitic
slopes along Bull Creek,
a little southwest of Bull
Mt.; Henry Mts., 20 miles
south of Hanksville,
Garfield Co., Utah. Twp. 31S.,
R. 10E., about S. 12, Elevation
about 7500 feet. Flowers
minute.

Gayophytum ramosissimum
T. & G.

8726

Gayophytum ramosissimum (8)

25 S, 25 E., S.7. 8300 feet

33.8

769.0 leaving Heber

58

24

10